

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

KENTUCKY SECTION.

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GENERAL SUMMARY.

Except for a few warm days at the beginning of the month and during the second decade, the month was unseasonably cool throughout, with temperatures almost continuously below normal. Minimum temperatures during the last decade registered in the 50's on most days, while on the 31st they ranged between 42° and 50° at most stations in the central and western parts of the State, and only slightly higher in the eastern counties. August records for low temperature were broken at many stations in the northern counties. It is noteworthy that the mean temperature of each month from May to August, 1915, inclusive, has been below normal, the average daily deficiency being 2°. The average rainfall for the State for the same period was 7.16 inches in excess of the normal amount.

This month's average rainfall was the greatest on record in Kentucky for August since State records were established in 1889. Rain was very frequent, there being only a few days without fairly general showers. At two stations rain fell on 13 consecutive days.

The wet and unseasonably cold weather combined to greatly retard the development of corn and tobacco, and also interfered with harvesting the latter crop. Corn and tobacco were considerably damaged by wind in several counties during the passage of the storm of 20th-21st. Farm work was generally delayed except fall plowing, which on account of favorable soil conditions was unusually well advanced at the end of the month.

PRESSURE.

The important pressure formations of the month were as follows: The storm that appeared on the west Gulf coast on the 15th, moved inland over Texas and passed over this State on the 20th-21st, causing high winds and heavy precipitation; and the high pressure area of great strength and extent that passed over the State on the 30th-31st, causing the remarkable low temperatures of the last day.

The mean sea-level pressure, based on the records of two stations, was 29.98 inches. The highest was 30.23 inches on the 31st, and the lowest 29.51 inches on the 20th, both at Louisville.

TEMPERATURE.

The mean temperature of the State, based on the records of 36 stations, was 71.3°, which is 4.4° below the August normal and the lowest mean temperature on record for August except in 1889, when it was 70.6°. The highest, 100° at Earlington on the 1st, and the lowest, 42° at Earlington and Williamsburg on the 31st, are both within past records, but in only two years, viz., 1894 and 1896, has the August minimum temperature been lower.

PRECIPITATION.

The average precipitation for the State, as computed from the records of 47 stations, was 6.29 inches, which is 2.94 inches in excess of normal. The amounts at the various stations ranged between 4.00 inches at Anchorage and 11.03 inches at Owensboro. The distribution over the State was irregular. Small areas in the extreme western and northern parts of the State, in Daviess and Hardin Counties, and in the extreme eastern counties received 8 to 11 inches. From 4 to 6 inches occurred over the west-central counties and most of the north border counties from Breckinridge eastward to the Big Sandy. Over the central counties amounts were generally between 6 and 7.5 inches. Very heavy rains occurred on several days and at a number of stations, some of the heaviest being as

follows: 3.20 inches at Owensboro on the 11th, 2.97 inches at Marion on the 20th, and, 2.70 inches at St. John on the 19th.

WIND.

The total wind movement at Louisville was 7521 miles, and at Lexington 7973 miles, the average hourly velocity being 10.1 and 10.7 miles, respectively. The maximum velocity for 5 minutes at Louisville was at the rate of 48 miles per hour from the south on the 20th, and at Lexington 39 miles per hour from the southwest on the 21st.

HUMIDITY.

At Louisville the average relative humidity at 7 a. m. was 84 per cent. and at 7 p. m. 68 per cent., which is highest on record for August.

SUNSHINE AND CLOUDINESS.

The percentage of possible sunshine for the month at Louisville was 59 and at Lexington 53.

MISCELLANEOUS.

August 1.—Two mules were killed by lightning near Marion.

August 2.—A barn was burned and three horses killed by lightning near Franklin.

August 3.—The Boyd County Infirmary at Ashland was struck by lightning and badly damaged. The same bolt seriously injured Miss Ella Vorns. A local storm near Glasgow killed several head of stock, unroofed several houses and caused considerable damage to telephone lines.

August 9.—At Princess, Boyd County, lightning shattered a schoolhouse.

August 12.—A large barn was demolished by wind near Maysville.

August 16.—Lightning destroyed a barn and damaged a flour mill at Glasgow. Timber and growing crops were damaged by wind in Barren County. Lightning destroyed a large stock barn and contents, including four mules, at Smith's Grove, Warren County.

August 20.—Much damage was caused to tobacco and corn in Christian and Trigg Counties on account of being blown over and beaten down by rain.

August 28.—Lightning damaged a residence in Williamstown.

Good stages prevailed in the streams of the State during the month.

Comparative Data for August

Year.	Temperature.			Precipitation.			
	Monthly average.	Departure from 25-year normal.	Highest.	Lowest.	Monthly average.	Departure from 25-year normal.	No. of days with .01 in. or more.
1889.....	70.6	-5.1	100	43	1.23	-2.12	..
1890.....	73.2	-2.5	101	44	6.16	+2.81	..
1891.....	72.9	-2.8	105	43	5.82	+2.47	..
1892.....	75.4	-0.3	96	45	3.13	-0.22	..
1893.....	74.8	-0.9	99	48	1.72	-1.63	..
1894.....	77.1	+1.4	105	41	3.02	-0.33	..
1895.....	76.6	+0.9	102	49	2.15	-1.20	6
1896.....	77.1	+1.4	105	41	2.83	-0.52	5
1897.....	75.2	-0.5	101	49	2.33	-1.02	6
1898.....	76.7	+1.0	100	55	8.83	+0.48	7
1899.....	78.1	+2.4	102	51	3.09	-0.26	6
1900.....	80.4	+4.7	104	52	2.74	-0.61	6
1901.....	75.5	-0.2	101	50	5.12	+1.77	12
1902.....	75.6	-0.1	103	45	2.48	-0.87	7
1903.....	75.5	-0.2	100	49	3.27	-0.08	8
1904.....	75.2	-0.5	100	46	2.64	-0.71	8
1905.....	75.7	0.0	99	42	8.82	+0.47	9
1906.....	77.4	+1.7	99	45	4.37	+1.02	10
1907.....	74.8	-0.9	99	48	4.27	+0.92	10
1908.....	76.3	+0.6	104	49	2.79	-0.56	6
1909.....	76.9	+1.2	104	45	2.60	-0.75	7
1910.....	74.0	-1.7	100	46	2.72	-0.63	6
1911.....	76.2	+0.5	106	45	4.03	+0.68	10
1912.....	73.7	+2.0	98	43	4.71	+1.36	13
1913.....	78.0	+2.8	108	44	2.81	-0.54	7
1914.....	76.0	+0.3	100	49	5.94	-2.59	12
1915.....	71.3	+4.4	100	42	6.29	+2.94	14

Climatological data for August, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation in inches.				Number of days.			Observers			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	With precip. 0.01 in. or more.	Pt. cloudy.	Cloudy.	Precipitation direction of wind.
<i>Western Division.</i>																		
Beaver Dam.....	Ohio.....	441	11	71.9 - 4.5	92	1	47	31	26	5.84 +2.46	2.00	0	12	9	14	8	SW	
Blandville.....	Ballard.....	445	33	71.9 - 4.9	91	1	47	31	24	9.42 +6.40	2.35	0	15	9	13	NE		
Calhoun.....	McLean.....	437	11	72.4 - 5.3	95	1	45	31	32	4.63 +1.48	1.91	0	14	4	21	E		
Earlington.....	Hopkins.....	420	24	71.8 - 4.8	100	1	42	31	36	5.27 +1.95	2.05	0	13	9	1	S		
Hopkinsville.....	Christian.....	524	18	72.6 - 5.2	98	1	47	31	30	4.05 +1.00	1.25	0	9	11	3	E		
Marion.....	Crittenden.....	571	17	72.2 - 6.4	93	1	46	31	27	6.45 +4.08	2.97	0	10	8	10	NW		
Owensboro.....	Daviess.....	479	17	71.2 - 5.2	90	1+	49	31	26	11.03 +7.44	3.20	0	17	13	5	NW		
Paducah.....	McCracken.....	341	26	.....	.....	.....	.....	.....	.....	5.79 +2.83	2.33	0	13	.....	.....	.....
<i>Central Division.</i>																		
Alpha.....	Clinton.....	811	21	71.8 - 4.3	91	1	54	26	21	7.01 +2.68	2.00	0	10	8	13	10	S	
Anchorage.....	Jefferson.....	700	13	70.3 - 4.3	93	1	43	31	31	4.00 +0.42	1.64	0	14	12	11	8	W	
Bardstown.....	Nelson.....	637	17	70.8 - 6.4	97	1	48	31	26	6.46 +2.85	2.03	0	15	10	9	12	S	
Bowling Green.....	Warren.....	500	25	72.0 - 6.9	95	1	46	31	34	6.16 +2.70	2.10	0	16	9	9	13	S	
Burnside.....	Pulaski.....	773	23	.....	.....	.....	.....	.....	.....	6.22 +2.11	2.00	0	15	.....	.....	.....
Cloverport.....	Breckenridge.....	375	1	.....	.....	.....	.....	.....	.....	5.63	.....	1.53	0	16	.....	.....
Edmonton.....	Metcalfe.....	600	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eubank.....	Pulaski.....	1177	20	69.4 - 4.4	92	1	50	26+	29	5.86 +1.91	1.47	0	13	5	9	17	S	
Frankfort.....	Franklin.....	560	23	73.9 - 0.8	97	1	47	31	30	5.06 +1.64	1.19	0	15	8	8	15	S	
Franklin.....	Simpson.....	691	20	73.2 - 4.0	93	1	50	31	26	6.44 +3.14	1.47	0	17	0	26	5	NW	
Greensburg.....	Green.....	581	22	72.0 - 3.6	94	1	51	31	30	5.30 +1.66	1.30	0	17	4	10	17	S	
High Bridge.....	Jessamine.....	762	12	.....	.....	.....	.....	.....	.....	5.92 +2.57	1.43	0	17	.....	.....	.....
Irvington.....	Breckenridge.....	646	17	70.9 - 5.4	90	16	45	31	24	5.67 +2.30	1.34	0	11	12	7	12	SW	
Leitchfield.....	Grayson.....	635	19	71.0 - 4.4	93	1	47	31	28	6.49 +2.82	1.96	0	12	6	17	8	SW	
Lexington.....	Fayette.....	989	30	69.4 - 5.2	89	1	46	31	22	6.03 +2.46	2.98	0	15	6	16	9	SW	
Loretto #.....	Marion.....	681	16	70.6 - 5.1	93	1	48	31	25	4.56 +1.31	1.65	0	16	4	14	13	.....
LOUISVILLE.....	Jefferson.....	525	42	71.2 - 5.3	91	1	47	31	25	4.65 +1.14	1.27	0	14	6	9	16	SW	
Do. (Cherokee Park)	Do.	530	5	70.2 -	92	1	44	31	26	5.74	1.27	0	15	6	12	13	SW
St. John.....	Hardin.....	777	18	70.8 - 3.9	91	1	46	31	28	9.85 +6.25	2.70	0	13	12	4	15	.....
Scott.....	Kenton.....	900	17	69.0 - 6.4	92	1	43	31	30	8.47 +5.56	2.28	0	15	6	9	16	N	
Shelby City.....	Boyle.....	1087	20	71.2 - 3.1	95	1	50	31	26	7.40 +4.27	1.70	0	13	12	11	8	SW	
Shelbyville.....	Shelby.....	825	25	70.2 - 5.3	92	1	44	31	30	5.99 +2.66	1.34	0	15	12	5	14	SW	
Taylorville.....	Spencer.....	489	12	70.3 - 4.2	90	1	46	31	27	5.47 +2.09	1.41	0	15	7	7	17	SW	
Williamstown.....	Grant.....	943	12	69.6 - 4.4	93	1	42	31	32	4.91 +1.69	1.04	0	11	7	9	15	.....
<i>Eastern Division.</i>																		
Beattyville.....	Lee.....	650	10	71.8 - 3.1	96	1	53	31	30	6.62 +1.85	0.99	0	19	4	12	15	W	
Berea.....	Madison.....	1070	13	70.9 - 3.7	92	1+	50	26	28	7.38 +2.44	2.12	0	16	14	6	11	SW	
Cadettsburg.....	Boyd.....	534	26	.....	.....	.....	.....	.....	.....	4.10	0.00	1.12	0	15	.....	.....	.....
Falmouth.....	Pendleton.....	600	25	.....	.....	.....	.....	.....	.....	5.24 +1.80	1.97	0	13	8	2	21	.....
Farmers.....	Rowan.....	668	8	71.4 - 2.4	92	1	50	19	32	4.94 +0.12	1.05	0	10	15	10	6	.....
Hazard.....	Perry.....	.....	1	.....	.....	.....	.....	.....	.....	9.83	.....	2.10	0	11	.....	.....	.....
Jackson.....	Breathitt.....	776	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
London.....	Laurel.....	1190	0	.....	.....	.....	.....	.....	.....	6.49	.....	1.20	0	15	.....	.....	.....
Louisville.....	Lawrence.....	584	10	.....	.....	.....	.....	.....	.....	6.65 +1.00	1.17	0	9	14	.....	.....	.....
Manchester.....	Clay.....	1400	3	.....	.....	.....	.....	.....	.....	7.16	.....	1.42	0	15	.....	.....	.....
Maysville.....	Mason.....	524	17	70.2 - 5.9	93	16	43	31	32	5.52 +1.87	1.73	0	15	9	3	19	SW	
Middlesboro.....	Bell.....	1128	19	72.6 - 1.8	92	1	54	22+	30	9.60 +6.07	2.05	0	18	13	16	2	.....
Mount Sterling.....	Montgomery.....	930	24	71.3 - 2.6	93	1	52	29+	28	6.54 +2.60	1.23	0	17	10	9	12	W	
Pikeville.....	Pike.....	634	8	.....	.....	.....	.....	.....	.....	4.94 +1.42	1.00	0	15	.....	.....	.....	.....
Richmond.....	Madison.....	926	22	71.6 - 4.0	91	1+	55	26	24	5.98 +2.78	1.08	0	17	9	7	15	SW	
Weeksbury #.....	Floyd.....	1216	1	71.8.....	91	2+	53	23+	31	6.95.....	1.80	0	12	16	3	12	.....
Williamsburg.....	Whitley.....	939	18	73.2 - 2.9	93	1	54	27	35	7.99 +2.47	1.58	0	17	11	6	14	S	
State averages and extremes.....		71.3.....	100	1	42	31	35	6.29.....	3.20	0	14	9	10	12	.....	.....	.....

All temperature data are taken from self-registering thermometers.
The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means.

Reference letters, *, †, ‡, appearing in the table indicate number of days missing; for example, b represents two days, etc.

† Also on other dates. †† Received too late to be included in means and summaries. T Precipitation is less than 0.01 inch rain or melted snow.

‡‡ Post-office addresses of these stations are as follows: Loretto, Nerinx, Ky.; Weeksbury, Melvin, Ky.

Daily Precipitation for August, 1915.

STATIONS.	Day of month																														Total		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Western Division.</i>																																	
Beaver Dam||	G	.10	.55	T	.	.	.	.	.14	.64	.45	.49	.	.05	.	.12	.	.55	.39	2.00	.35	.12	.	.48	.	T	.	.	.	.	5.84
Blandville	M	.21	.821411	.93	.96	2.35	.0345	.42	.	.37	T	.	9.42	
Calhoun	G	1.24	.15	.13	T	.	T	T	T	.16	.10	.03	.13	.	.	.	T	.18	.15	1.91	.20	.	.23	.	.	.	.01	.01	T	.	4.63
Earlington||	G	T	T	.28	.	.	.	.	T	.01	.	.23	.78	.08	.45	.31	.	T	.29	2.05	.32	.	.22	.	.	.	.01	.06	.	.	5.27
Hopkinsville||	C	.05	.80	.	.	.	.	.	.	.15	.60	.40	.	.	.	.	.	.	.50	1.25	.15	.	.	.	.	.	.	.	.	.	4.05
Marion	O	.26	.60	.24	.	.	.	.	T	.18	.16	.10	.	T	T	.	T	.69	.45	2.97	.	.80	T	T	T	T	.	.	6.45		
Owensboro||	O	20.1	.60	.01	T	.	14	.	.	.05	3.20	.46	.	.14	.06	.	.09	.73	.18	1.50	.33	.12	.	.52	.	.	.	.70	.	11.03	
Paducah||	O	.10	.48	.06	.	.	.	.	.	.10	.40	.78	.	.	.	.	.	.08	.62	2.33	.14	.	.	.	.	.	.	.	.	.06	5.79
<i>Central Division.</i>																																	
Alpha	C	T	2.00	.	.	.	.	.	.	.35	.50	.75	.10	.	T	.	.	.91	.20	.30	.90	.	.	T	.	1.00	T	T	T	.	7.01
Anchorage	O	.43	.02	.	.	.	.	.	.	.11	.37	.	.	.	.04	.	.14	.34	.04	.	1.64	.30	.	.	.43	.	.02	.	.10	.02	4.60
Bardstown||	S	.203	.37	.05	.	.	.	.	.04	.	.24	.06	.	.	.04	.41	.	.62	.30	.15	.70	.86	.10	.	.08	.	.	.	.	.	6.46
Bowling Green||	G	15.1	.20	.30	.	.	.	.	.03	.02	.	.70	.35	.	.02	.	T	.02	.45	.75	.28	.	.	.62	.	.18	.07	.	.	.	6.16
Burnside||	C	.72	T	.61	T	.	.	.	.	.08	.	2.00	.56	.15	.40	T	.08	.11	.18	.16	.30	T	.	.	.70	.07	.	.	.	6.22	
Cloverport||	O	.07	.18	.76	T	.	.03	.	T	.18	.05	.	.	.02	.01	.	.05	.87	.08	1.53	.12	.03	.	.10	.	.	.	.43	.	5.63	
Edmonton	G
Eubank||	C	.12	.38	1.47	.	.	.	.	.	.12	.	.34	.72	.	.50	.	.	.60	.10	.23	1.00	.	.	.	.	.	.21	.10	.	.	5.86
Franklin	K	.26	.50	.03	.17	.	T	T	T	.18	.23	.54	.10	T	.10	.09	T	.22	.23	4.1	1.00	.	.	.21	.	.10	.15	.	.53	T	.	5.06	
Greensburg||	G	.52	1.30	.1021	.	T	.15	.51	.	.40	.	.40	.	.12	.26	.49	.54	.03	.	.12	.10	.	.12	.03	.	.30	.	5.30
High Bridge||	K	.25	.53	.06	.2919	.	.	.143	.21	.	.02	.	.85	.30	.02	.25	.75	.03	.	.03	.59	.	.02	5.92	
Irvington	O	.9005	.34	.0620	.61	.08	1.28	.24	5.67	
Leitchfield	G	1.68	.28	.	.	.	.	.	.	.77	.52	.	.05	.07	.	.46	.38	.14	.14	.48	.20	.	.	.46	.	.	.	.	.	.	6.49
Lexington **	K	2.12	1.09	.63	T	.	.	.	.	.19	.09	.01	.	.15	.	.58	.18	T	T	.06	1.00	.	.11	.	.24	.	.03	.01	.14	.	6.03
Loretto	S	.32	.0169	.	T	.04	.30	.	.20	.17	.	.60	.16	.04	1.65	.10	T	T	.05	T	T	.02	.	.20	.01	.	4.56
Louisville**	O	.26	.11	.47	.02	T18	.	.	.22	.	.	.31	T	.1.09	.15	.02	T	.27	4.65	
Do. (Cherokee Park)	O	.41	.62	.14	.	.	.	.	.	.31	.17	.20	.	.	.05	.02	1.27	12	.06	1.14	.18	.	.	.	.	.	.	.	.	.	5.74
St. John||	S	2.30	T02	.	.	.32	.26	.	.11	.	.	.06	2.10	2.70	.81	.80	.06	9.88	
Scott	L	.19	.68	1.17	.	T	T	.	.13	.02	.06	2.28	.09	.	1.19	.	.41	.07	.	.04	.45	T	.	.02	.	.	.	.	.	.	8.47
Shelby City	K	1.00	1.41	.27	.	.	.	.	.35	.	.	1.70	.53	.25	.06	.36	.	T	.08	T	.05	.11	.	.	.	.	.	.	.	.	7.40
Shelbyville	S	.33	.82	.08	.06	.	.	.	.	T	.22	.13	T	T	.55	.01	.02	.52	.03	.01	1.41	.19	.	.	.26	.	.	.	.	.	5.99
Taylorsville	S	.38	1.14	.10	.	.	.	.	.	.	.	.26	T	.	.	.74	.	.04	.72	T	.1.04	.05	.	.	.	.	.	.	.	5.47	
Williamstown||	L	.20	T	.04	.44	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.91
<i>Eastern Division.</i>																																	
Beattyville||	K	.44	.10	.33	.5603	.	.	.02	.30	.99	T	.60	.49	.03	.36	.86	T	.03	.74	T	.	.05	.	.11	.22	.	.36	.	6.62
Berea	K	.77	.02	.78	.	.	.	.	.	2.12	.50	.28	.09	.63	.	.33	.58	.08	T	.55	.14	.	.	.	.	.	.	.	.	.	7.38
Catlettsburg||	B	L	1.12	.32	.	.	.	.	.04	.10	.08	.	.06	.16	.	.96	.	.04	T	.40	.08	.	.	.12	.06	T	.50	.	.06	.	4.10
Falmouth||	L	.56	.37	.41	.15	.	.	.	.	.	.	.33	.07	.	.	.19	.	.	.18	.08	.62	.09	.	.	.	.	.	.	.	.	5.24
Farmers	L	1.00	1.05	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.70	.	.21	.20	.	.	.	.	.	.	.	.	4.94
Hazard||	K	.71	.	.51	T	.	.	.	.	.	.	.32	.	.63	.30	T	.	.	.	2.00	2.10	T	.	.	.	.	.	.	.	.	8.83
Jackson||	K	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Loudon||	C	1.20	.10	.40	.05	.	.	.	.	.	.	.	.64	.	.	.65	.	.	.22	.15	.28	.82	.	.	.	.	.	.	.	.	6.49
Louis||	C	.	1.17	.10	.	.	.	.	.	.	.	.06	.98	.25	.13	.08	.36	.	.40	.	.25	.	.66	.	.	.	.	.	.	.	4.65
Manchester||	K	.53	.	.37	.	.	.	.	.	.91	.	1.23	1.42	.	.	.	.	.	.25	.38	.51	.23	.10	.	.12	.	.	.	.	.	7.16
Maysville||	O	.19	.10	.45	.1501	.05	.	.10	1.73	.	.	.64	.	.	.25	.	.32	.80	.16	.	.	.20	.0861	.	5.52
Middlesboro	C	.32	.11	.97	.	.	.	.	.	.62	.70	.02	.60	1.05	.	.21	.78	.	.74	.04	.32	.50	.	.	.	.	.	.	.	.	9.60
Mount Sterling||	L	.16	2.27	1.23	1.08	.	.	.	.	.	.	.18	.43	.10	.	.25	.	.76	.10	T	.10	.62	.15	.	.	.	.	.	.	.	6.54
Pikeville||	B	.16	.76	.08	.66	.	T	.	.	.12	.16	.72	.24	.12	.	.16	.	.08	1.00	.	.06	.	.	.	.	.	.	.	4.94		
Richmond||	K	.40	.77	.12	.02	.	.	.	.	.03	.	.	.45	.22	.01	.	.75	.	.18	1.08	.23	.55	.04	T	.64	.	.	.	.	.	5.58
Weeksbury	B	1.00	.40	.	.	.	.	.	.	.	.	.20	.30	.35	.30	.	.65	.26	.52	.08	.18	.25	T	.	.	.	.	.	.	.	6.95
Williamsburg ||	C	.95	.68	.30	.	.	.	.	.	.55	.11	.44	.12	.	.65	.26	.	.52	.08	.18	.25	T	.	.	.	.	.	.	.	7.99	

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

(Reference mark ***) Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

|| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. * Precipitation included in the next following measurement.

* Separate dates of falls not recorded. T Trace, or less than 0.01 inch.

River drainage area in which station is located is indicated as follows: (B) Big Sandy; (L) Licking; (K) Kentucky; (S) Salt; (G) Green; (C) Cumberland; (T) Tennessee; (O) Ohio; (M) Mississippi.

Daily temperatures for August, 1915.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	
<i>Western Division</i>																																	
Beaver Dam \$\$.....	92	89	84	73	77	83	88	82	88	80	81	81	85	85	87	89	85	70	70	79	77	81	82	82	77	72	76	78	79	64	72	80.3	
Maximum	92	89	84	73	77	83	88	82	88	80	81	81	85	85	87	89	85	70	70	79	77	81	82	82	77	72	76	78	79	63.5	72		
Minimum	71	70	73	63	56	59	63	69	65	70	69	62	64	67	66	69	73	70	63	66	60	55	60	68	59	54	64	57	59	57	47		
Blandville.....	91	87	81	77	84	88	87	79	83	81	76	82	84	87	85	81	79	72	74	77	79	80	82	75	66	76	73	67	67	50	79.3		
Maximum	70	71	70	62	58	60	63	68	69	68	62	69	69	70	69	69	72	74	70	66	60	58	63	69	55	54	62	57	62	58	47		
Calhoun	95	93	84	76	80	85	92	86	93	86	80	84	90	87	93	91	88	77	67	79	79	84	82	85	80	73	79	83	77	70	72	82.9	
Maximum	69	69	72	61	54	58	60	68	64	74	69	59	63	67	64	68	72	66	62	63	60	56	57	63	56	53	65	55	57	53	45		
Earlington \$\$.....	100	96	87	75	82	89	94	85	94	84	84	85	89	83	93	86	83	73	70	78	81	85	86	80	73	77	83	83	87	83	89.9		
Maximum	68	65	70	61	52	55	58	59	62	67	67	59	61	63	62	65	68	69	62	62	58	52	55	58	51	55	52	53	59	49	59.6		
Hopkinsville \$\$.....	98	93	86	76	81	86	92	83	90	84	80	85	88	89	82	80	84	74	70	79	81	83	85	82	81	75	77	80	75	75	82.3		
Maximum	72	71	72	64	57	56	68	63	64	67	68	61	62	66	67	70	74	71	62	61	61	64	66	59	59	57	57	57	50	47			
Marion.....	93	92	81	74	79	84	89	84	89	79	81	83	87	86	90	81	86	76	76	79	82	82	84	84	78	78	71	71	71	71	81.0		
Maximum	69	69	69	61	51	61	62	69	67	69	70	61	62	68	64	71	72	67	64	63	59	62	67	65	66	60	60	55	54	55	46		
Owensboro \$\$.....	90	88	81	72	77	82	87	85	87	77	78	80	84	80	87	80	84	76	79	79	79	82	82	82	73	76	77	76	66	71	79.3		
Maximum	71	68	70	62	55	59	61	67	65	71	68	61	64	69	65	70	71	67	63	63	61	60	64	58	58	60	57	59	57	49			
<i>Central Division</i>																																	
Alpha	91	87	81	77	74	77	85	85	82	84	83	77	83	82	85	85	80	74	70	72	70	76	77	76	76	75	67	71	71	68	61	77.5	
Maximum	73	72	75	67	56	55	66	74	76	70	71	64	67	66	74	70	66	70	65	59	56	68	63	54	64	62	59	61	55	66.0			
Anchorage	93	91	85	76	73	83	87	85	90	76	73	79	85	84	88	80	85	70	75	71	71	81	84	83	75	74	79	71	61	74	80.3		
Maximum	72	68	70	62	53	52	56	66	63	68	68	66	57	63	62	65	67	61	56	61	60	56	52	50	60	57	55	49	48	60.3			
Bardstown \$\$.....	97	92	83	75	72	77	85	87	92	80	83	83	87	87	89	82	84	74	65	66	67	62	67	60	59	57	59	51	58	74	78.6		
Maximum	72	69	77	65	58	53	63	68	66	70	68	65	61	67	66	68	72	65	59	61	61	57	59	52	59	51	58	55	48	63.0			
Bowling Green\$\$.....	95	92	87	80	80	89	93	90	90	82	83	85	86	89	93	88	87	81	70	80	82	84	85	83	84	78	76	82	83.5				
Maximum	67	66	68	62	56	55	60	65	64	60	61	62	65	60	61	62	67	69	62	62	58	53	58	62	55	55	55	55	46	60.5			
Edmonton
Maximum
Eubank\$\$.....	92	89	85	79	73	79	85	82	86	87	84	79	81	86	88	87	87	79	68	71	71	68	79	80	75	78	79	70	77	72	64	68	78.7
Maximum	70	69	63	55	53	58	60	62	65	66	67	65	65	58	62	62	67	70	65	55	59	52	53	55	57	50	53	57	58	50	60.2		
Frankfort	97	95	93	90	80	85	85	85	90	92	90	90	89	90	89	91	94	93	80	88	80	85	88	81	83	83	82	80	85	83	80	85.8	
Maximum	71	70	71	65	60	64	61	60	66	70	66	64	59	64	64	69	62	66	61	60	60	57	65	57	53	61	63	56	54	57	62.0		
Franklin	93	92	85	80	79	86	90	83	90	85	81	82	88	91	87	87	85	74	72	79	77	82	85	80	81	78	70	76	76	69	67	81.7	
Maximum	71	71	71	65	58	60	64	60	70	68	69	62	66	69	67	72	72	68	66	66	61	58	63	53	58	62	58	50	58	64.7			
Greensburg\$\$.....	94	92	88	79	77	85	89	83	90	88	85	82	86	90	91	88	87	71	70	77	75	82	84	79	80	80	74	80	78	61	73	82.0	
Maximum	69	69	70	68	58	60	61	64	60	70	68	54	60	64	68	62	68	62	63	61	54	56	63	58	54	58	51	51	58	61.9			
Irvington	89	88	83	76	74	81	84	84	86	80	81	79	83	84	86	80	85	76	72	78	72	81	85	75	73	76	75	76	75	74	79.4		
Maximum	71	70	73	65	57	63	62	69	65	70	65	62	61	62	68	71	60	59	63	66	60	58	55	58	55	55	55	55	55	45	62.4		
Leitchfield	93	90	84	75	75	82	87	82	86	81	80	80	84	84	88	87	87	79	68	71	71	68	79	80	75	78	72	77	77	75	70	79.6	
Maximum	71	66	71	64	56	50	63	67	64	70	68	63	62	66	65	69	71	64	61	64	64	59	65	66	56	55	57	54	57	62.4			
Lexington	89	87	83	74	70	78	81	82	85	77	72	76	81	84	85	85	81	86	86	73	73	76	77	80	77	74	74	75	79	76.9			
Maximum	69	68	68	61	57	62	64	67	68	68	65	65	67	66	64	64	67	66	61	64	64	58	65	68	60	58	55	54	56	62.0			
Loretto	93	89	85	75	73	82	85	82	88	80	81	80	83	86	87	84	87	74	71	76	73	70	70	75	72	77	76	76	79	79.6			
Maximum	70	68	71	65	57	64	63	65	69	67	63	60	63	65	69	64	69	60	56	57	60	56	57	55	50	51	56	54	48	61.7			
Louisville	91	89	85	70	73	82	87	85	89	76	79	75	83	85	87	88	85	88	75	69	69	71	82	82	75	73	75	77	72	79.2			
Maximum	70	69	69	64	58	55	65	64	71	69	70	69	66	63	67	68	62	68	61	60	61	64	64	59	56	59	62	59	61	47			
Do. (Cherokee Park)	92	87	86	72	81	85	85	83	81	81	82	84	87	83	84	87	84	73	75	74	75	80	81	81	72	75	76	74	79.2				
Maximum	69	68	71	64	56	52	59	68	65	68	67	65	63	65	67	61	61	55	60	60	58	56	57	55	53	51	57	56	44	61.3			
St. John \$\$.....	91	92	85	76	78	85	88	84	90	78	80	82	86	85	89	89	85	65	68	77	77	73	70	69	62	60	62	60	60	62	60	80.2	
Maximum	69	67	71	64	54	60	61	65	62	69	68	64	60	66	65	64	68	72	64	60	59	60	54	57	64	56	57	57	57	61.4			
Scott	91	86	83	77	79	86	85	87	85	75	80	83	78	75	89	89	78	68	72	70	69	70	75	75	77	77	75	75	77	77.7			
Maximum	70	69	69	64	57	62	66	67	61	65	65	65	60	61	65	63	67	56	52	59	61	50	50	55</td									

¶ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

^a, ^b, ^c, etc. indicate respectively 1, 2, 3, etc. days missing from record.